

09915132 LIST

PLUS Search Results for S/N 09915132, Searched December 07, 2001

5938087
4420100
5558257
4917271
5873494
4253285
4627456
5190191
5398720
5467900
5513780
5730335
6131823
6178564
6247613
4887742
4915268
4979653
5005737
5791510
5842806
6045004
5354274
5370275
5700494
5962035
4171070
4244494
4311174
4854343
4901925
4938393
4944458
4991779
5238155
5390828
5406991
5484087
5494082
5568886
5772078
5782386
5797517
5967377
6032832
6112953

09915132_LIST

6186367
5518183
5772076
4270784
4288007
4846376
4919305
4936493
5009345
5305926
5503179
5702036
5785004
6062435
6314986
5769277
4779766
4261337
4264007
4269330
4291683
4325909
4332212
4349157
4369921
4396132
4428497
4436125
4540542
4588110
4620645
4760805
4763801
4769050
4782985
4785327
4800827
4804098
4830283
4852770
4852807
4887747
4911337
4996823
5000351
5016787
5190200
5197634

09915132_LIST

5199606
5248064
5259458
5265777
5301721
5307249

09915132_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 09915132 on December 07, 2001

Original Classifications

3 222/1
2 111/7.2
2 137/240
2 141/18
2 222/153.06
2 222/153.14
2 222/190
2 222/205
2 222/212
2 222/341
2 222/498
2 222/556
2 222/95
2 239/343
2 425/131.1

Cross-Reference Classifications

8 222/556
4 222/212
4 222/380
4 222/383.3
4 222/481.5
4 222/494
3 222/148
3 222/211
3 222/321.9
3 222/383.1
3 222/386.5
3 222/482
3 222/484
3 222/517
3 222/525
3 222/546
2 D9/300
2 D9/448
2 134/166C
2 137/564.5
2 215/235
2 215/237
2 220/837
2 220/840
2 222/144.5
2 222/190

09915132_CLS

2 222/207
2 222/213
2 222/382
2 222/387
2 222/481
2 222/490
2 222/498
2 222/504
2 222/519
2 222/531
2 222/532
2 222/542
2 222/544
2 222/545
2 222/553
2 222/559
2 222/568
2 239/313
2 239/318
2 239/333
2 239/346
2 239/366
2 239/370
2 239/371
2 239/417.3
2 239/432
2 425/225
2 425/447
2 425/462
2 426/516

Combined Classifications

10 222/556
6 222/212
5 222/380
5 222/481.5
5 222/494
4 222/190
4 222/211
4 222/321.9
4 222/383.3
4 222/498
4 222/517
3 222/1
3 222/148
3 222/153.06
3 222/205
3 222/341

09915132_CLS

3 222/383.1
3 222/386.5
3 222/482
3 222/484
3 222/525
3 222/542
3 222/546
3 239/343
2 D9/300
2 D9/448
2 111/7.2
2 126/705
2 134/166C
2 137/240
2 137/564.5
2 141/18
2 206/219
2 215/235
2 215/237
2 220/835
2 220/837
2 220/840
2 222/105
2 222/133
2 222/135
2 222/144.5
2 222/146.2
2 222/153.14
2 222/207
2 222/213
2 222/214
2 222/382
2 222/387
2 222/481
2 222/490
2 222/504
2 222/519
2 222/531
2 222/532
2 222/544
2 222/545
2 222/547
2 222/553
2 222/559
2 222/568
2 222/95
2 239/313
2 239/318

09915132_CLS

2 239/333
2 239/346
2 239/366
2 239/370
2 239/371
2 239/417.3
2 239/432
2 425/131.1
2 425/225
2 425/447
2 425/462
2 426/516

LITIGATION SEARCH FOR LINDA SHOLL: US 5,938,087

QUESTEL ORBIT search

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.

?us5938087/pn

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image

PN - US5938087 A 19990817 [US5938087]

TI - (A) Spurt minimizing dispensing structure

PA - (A) APTARGROUP INC (US)

IN - (A) RANDALL JEFFREY T (US)

AP - US87775997 19970617 [1997US-0877759]

PR - US87775997 19970617 [1997US-0877759]

IC - (A) B65D-047/40

EC - B65D-047/08B4C

PCL - ORIGINAL (O) : 222547000; CROSS-REFERENCE (X) : 222556000 222568000
222571000

DT - Basic

CT - US3091373; US3117701; US3563422; US3833150; US3980211; US4427138;
US4583668; US4811871; US5139182; US5141138; US5219100; US5320260;
US5392938; US5454489; US5497906; US5531363; US5782388

STG - (A) United States patent

AB - A spurt-resistant spout for a dispensing structure includes (1) an internal tubular portion having a through bore connecting a dispensing orifice of the spout with the interior of the container, and (2) a surrounding wall portion surrounding the tubular portion. The tubular portion and the surrounding wall portion are sized and located so that little or no fluid is retained in and across the spout bore so as to prevent, or minimize, obstruction of the bore.

1/1 LGST - (C) LEGSTAT

PN - US 5938087 [US5938087]

AP - US 877759/97 19970617 [1997US-0877759]

DT - US-P

ACT - 19970617 US/AE-A

APPLICATION DATA (PATENT)

{US 877759/97 19970617 [1997US-0877759]}

- 19990817 US/A

PATENT

- 20011016 US/RF

REISSUE APPLICATION FILED

20010725

UP - 2001-44

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,938,087 D 19990817 [US5938087]

PA - AptarGroup Inc

ACT - 20010725 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20011016

REISSUE REQUEST NUMBER: 09/915132

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3751

Reissue Patent Number:

1/1 PAST - (C) PAST
AN - 200142-001618
PN - 5938087 A [US5938087]
OG - 2001-10-16
ACT - REISSUE APPLICATION FILED

?file inpadoc

Selected file: INPADOC

You are now connected to INPADOC
Covers 1968/1973 thru weekly updates (2001-47)

?fam us5938087/pn

1 Patent Groups

1/1 INPADOC - (C) INPADOC
PN - US 5938087 A 19990817 [US5938087]
TI - SPURT MINIMIZING DISPENSING STRUCTURE
IN - RANDALL JEFFREY T [US]
PA - APTARGROUP INC [US]
AP - US 877759/97-A 19970617 [1997US-0877759]
PR - US 877759/97-A 19970617 [1997US-0877759]
IC - B65D-047/40

1/1 LEGALI - (C) LEGSTAT
PN - US 5938087 [US5938087]
AP - US 877759/97 19970617 [1997US-0877759]
DT - US-P
ACTE- 19970617 US/AE-A
APPLICATION DATA (PATENT)
{US 877759/97 19970617 [1997US-0877759]}
- 19990817 US/A
PATENT
- 20011016 US/RF
REISSUE APPLICATION FILED
20010725
UP - 2001-44

US 5,938,087

LEXIS NEXIS search: Patent library; all patent files

PATNO IS 5938087

Your search request has found 1 PATENT through Level 1.

LEVEL 1 - 1 OF 1 PATENT

5,938,087

<=2> GET 1st DRAWING SHEET OF 2

Aug. 17, 1999

Spurt minimizing dispensing structure

REISSUE: Reissue Application filed Jul. 25, 2001 (O.G. Oct. 16, 2001) Ex. Gp.:
3751; Re. S.N. 09/915,132

INVENTOR: Randall, Jeffrey T., Oconomowoc, Wisconsin

ASSIGNEE-AT-ISSUE: AptarGroup, Inc., Crystal Lake, Illinois (02)

APPL-NO: 877,759

FILED: Jun. 17, 1997

INT-CL: [6] B65D 47#40

Pat. No. 5938087, *

US-CL: 222#547; 222#556; 222#568; 222#571

CL: 222

SEARCH-FLD: 222#547, 556, 568, 571

REF-CITED:

U.S. PATENT DOCUMENTS

3,091,373	5/1963	* Kirschenbaum	222#547
3,117,701	1/1964	* Stull	222#571
3,563,422	2/1971	* Cruikshank	222#547
3,833,150	9/1974	* Visser-Patings	222#571
3,980,211	9/1976	* Owens	222#547
4,427,138	1/1984	* Heinlein	222#546
4,583,668	4/1986	* Maynard, Jr.	222#568
4,811,871	3/1989	* Wass et al.	222#477
5,139,182	8/1992	* Appla	222#547
5,141,138	8/1992	* Odet et al.	222#547
5,219,100	6/1993	* Beck et al.	222#556
5,320,260	6/1994	* Song et al.	222#547
5,392,938	2/1995	* Dubach	215#254
5,454,489	10/1995	* Vesborg	222#547
5,497,906	3/1996	* Dubach	222#23
5,531,363	7/1996	* Gross et al.	222#547

PRIM-EXMR: Jacyna, J. Casimer

LEGAL-REP: Rockey, Milnamow & Katz, Ltd.

CORE TERMS: dispensing, container, fluid, lid, orifice, tube, closure, spout, conduit, deck, inside, annular, skirt, ring, meniscus, seal, hinge, sized, viscous, tubular, neck, cross-sectional, layer, nozzle, bead, inwardly, sealing, collar, thread, dispensed

ABST:

A spurt-resistant spout for a dispensing structure includes (1) an internal tubular portion having a through bore connecting a dispensing orifice of the spout with the interior of the container, and (2) a surrounding wall portion surrounding the tubular portion. The tubular portion and the surrounding wall portion are sized and located so that little or no fluid is retained in and across the spout bore so as to prevent, or minimize, obstruction of the bore.

Pat. No. 5938087, *

File searched: CASES

5,938.087 OR 5938087

Your search request has found no CASES.

File searched: JOURNALS

Your search request has found no ITEMS.

END LEXIS NEXIS